

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Period: \_\_\_\_\_

20

### Slope-Intercept Form Quiz

**What is the slope-intercept formula? (3 points)**

**m** stands for \_\_\_\_\_ and **b** stands for \_\_\_\_\_.

**Write an equation given the slope and y-intercept. (2 points each)**

$m = 4$  and a y-intercept of  $-5$

slope of  $\frac{1}{2}$  and a y-intercept of  $7$

**Determine if each point is on the given line. (2 points each)**

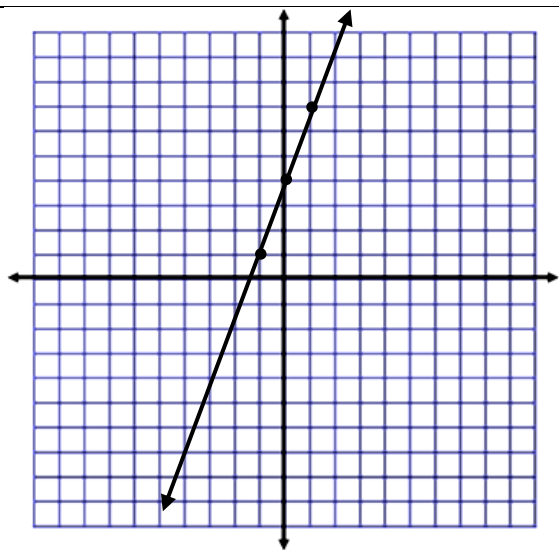
$$y = 2x + 2$$

**(1, 3)**

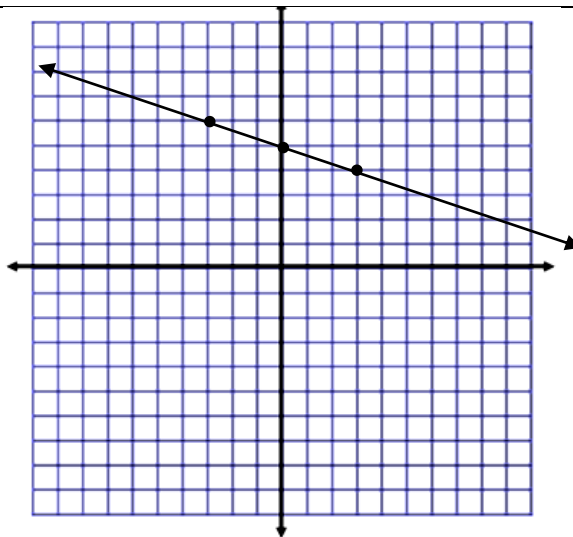
**(2, 6)**

**Are you going to Echo Hill? (1 point)**

Write the equation for the graph. (1 point each)



Equation: \_\_\_\_\_

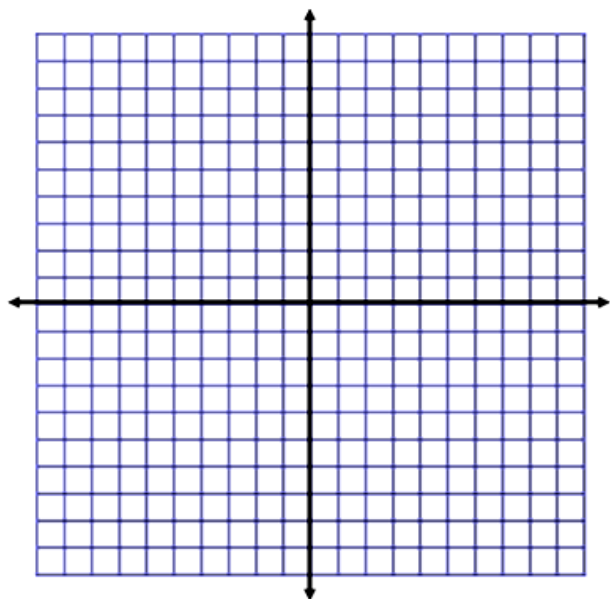


Equation: \_\_\_\_\_

**CHOOSE:** Graph the function with at least three points. (3 points each)

$$y = -2x + 3$$

Slope: \_\_\_\_\_ y- int: \_\_\_\_\_



$$y = \frac{1}{3}x - 1$$

Slope: \_\_\_\_\_ y- int: \_\_\_\_\_

